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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Parsa Kazemi-Esfarjani et al. Art Unit: 1636
Serial No.: 09/639,207 Examiner: D. Sullivan
Filed : August 14, 2000
Title : AN ANIMAL MODEL OF POLYGLUTAMINE TOXICITY, METHODS
OF USE, AND MODULATORS OF POLYGLUTAMINE TOXICITY

Commissioner for Patents
Arlington, VA 22202

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RESPONSE

TECH CENTER 1600/2900

In response to the action mailed October 2, 2002, the time for responding having been extended to February 2, 2003, by the accompanying fee and petition under 37 C.F.R. §1.136, please amend the application as follows:

In the claims:

Please cancel claims 5, 6 and 28.

Please amend claims 1, 10, 11-13, 25, 26 and 29-50 as follows:

--1. (Twice Amended) A method of screening for genes that modulate polyglutamine toxicity comprising:

(a) providing a first *D. melanogaster* expressing a polyglutamine sequence, wherein the sequence produces polyglutamine toxicity in the *Drosophila*;

(b) breeding the first *D. melanogaster* to a second *D. melanogaster* comprises a marker sequence inserted into its germline such that the marker sequence effects the expression of an endogenous gene, wherein the marker sequence comprises 1) an

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202.

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January 8, 2003

Lucille M. Begalla

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